

Certificate of Analysis

Stevia Grade	Reb-M 95(RM 95)	Plant Latin Name	<i>S. rebaudiana</i> Bertoni
Type of Product	Food Ingredient Non-GMO, Non-Allergen	Plant Part Used	Dry leaf (100% natural)
		Origin of Product	P. R. China-by GL Stevia
Batch No.	M-RM95-2404002	Test Date	2024.04.17
Manufacture Date	2024.04.16	Expiry Date	2026.04.15

Parameter	GL Stevia Specification	Test Result
CAS Reg. No. 1220616- 44-3 13-[(O-β- D -Glucopyranosyl-(1,2)-O-[β- D -glucopyranosyl-(1,3)]-β- D -glucopyranosyl)oxy]-kaur-16-en-18-oic acid (4')-O-β- D -glucopyranosyl-(1,2)-O-[β- D -glucopyranosyl-(1,3)]-β- D -glucopyranosyl ester		
Appearance	White Powder form	White Powder form
Steviol Glycosides	≥95.00%(on the dried basis HPLC)	95.96%
Rebaudioside M(Reb M)	≥95.00%(HPLC)	95.64%
Odor	Characteristic(Gustation)	Characteristic
Solubility	Free soluble in water and ethanol	Conform
pH	Between 4.8 and 7.0 (1 in 100 solution)	Conform
Loss on Drying	≤5.0% (105 °c, 2h)	0.74%
Total Ash	<1%(AOAC)	<0.01%
Methanol Residue	<200 ppm(HS-GS-MS)	41ppm
Ethanol Residue	<5000 ppm(HS-GS-MS)	2536ppm
Lead (Pb)	≤1 ppm(AOAC)	<0.1 ppm
Arsenic (As)	≤0.1 ppm(AOAC)	<0.1 ppm
Cadmium(Cd)	≤0.1 ppm(AOAC)	<0.01 ppm
Mercury(Hg)	≤0.1 ppm(AOAC)	<0.01ppm
Pesticides	Negative(AOAC)	Conform
Total Plate Count	≤1,000cfu/g (USP 2021)	Conform
Yeast & Mold	≤100cfu/g (USP 2021)	Conform
E. Coli.	<10 cfu/g(USP 2022)	Conform
Total Coliforms, MPN/g	<3 MPN/g(FDA-BAM)	Conform
Salmonella	Negative(USP 2022)	Conform
Staphylococcus	Negative(USP 2022)	Conform
Packing: 5 kg fiber drum with double liner polyethylene bag inside.		
Labeling: Stevia Extract		
Storage:Keep sealed, in dry,cool place		
Shelf Life:2 years		
Conclusion	----The M-RM95-2404002 batch sample pass the QC test. Parameter conforms with in-house Standard, JECFA standard, EFSA Standard.	
tested checked by:	Xiaoan Lu	
verified by:	Tiantian Zhang	
Latest Update	17.04.2024	



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